

Docket No. 293070US0PCT



MAIL STOP PCT *FFW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Naoaki KANAYA, et al.

SERIAL NO: 10/584,632

GAU:

FILED: June 26, 2006

EXAMINER:

FOR: AMIDOPYRAZOLE DERIVATIVE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 293070US0PCT	PATENT & TRADEMARK OFFICE		SERIAL NO. 10/584,632
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Naoaki KANAYA, et al.					
		FILING DATE June 26, 2006			GROUP		
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2006 0128685	06/15/2006	KANAYA et al.			
	AB	6 306 809	10/23/2001	DAVISTER et al.			
	AC	2006 0100208	05/11/2006	MAKRIYANNIS et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AD	2002 504546	02/12/2002	JP (equivalent of WO 99 43663)	YES	NO	
	AE	9 506350	06/24/1997	JP (equivalent of US 5 760 068 and WO 95 15316)	YES	NO	
	AF	01 57024	08/09/2001	WO (equivalent of US 2003 0171403)	YES	NO	
	AG	2004 002409	01/08/2004	WO (equivalent of US 2004 0053985)	YES	NO	
	AH	2004 002420	01/08/2004	WO (equivalent of US 2004 0006133)	YES	NO	
	AI	2586713	12/05/1996	JP (equivalent of EP 0 418 845 with English abstract)	YES	NO	
	AJ	97 29774	08/21/1997	WO	YES	NO	
	AK	06 073014	03/15/1994	JP (equivalent of EP 0 576 357 with English abstract)	YES	NO	
	AL	3 27370	02/05/1991	JP (equivalent of EP 0 377 457 with English abstract)	YES	NO	
	AM	2002 504909	02/12/2002	JP (equivalent of WO 98 56377 with English abstract)	YES	NO	
	AN	1 142 889	10/10/2001	EP	YES	NO	
	AO	1 104 758	06/06/2001	EP	YES	NO	
	AP	2002 502379	01/22/2002	JP (equivalent of WO 98 52937 with English abstract)	YES	NO	
	AQ	2002 502380	01/22/2002	JP (equivalent of WO 98 52941 with English abstract)	YES	NO	
	AR	01 87880	11/22/2001	WO (with English abstract)	YES	NO	
	AS	2002 508754	03/19/2002	JP (equivalent of WO 98 52940 with English abstract)	YES	NO	
	AT	2002 514640	05/21/2002	JP (equivalent of WO 99 58523 with English abstract)	YES	NO	
	AU	10 503211	03/24/1998	JP (equivalent of WO 96 03388 with English abstract)	YES	NO	
	AV	95 15318	06/08/1995	WO	YES	NO	
	AW	03 027076	04/03/2003	WO	YES	NO	
	AX	00 63204	10/26/2000	WO	YES	NO	
	AY	2 83373	03/23/1990	JP (with English abstract)	YES	NO	
	AZ	6 507899	09/08/1994	JP (equivalent of WO 92 20651 with English abstract)	YES	NO	
	AAA	94 27597	12/08/1994	WO	YES	NO	
	AAB	7 503018	03/30/1995	JP (equivalent of WO 93 14082 with English abstract)	YES	NO	
	AAC	11 193281	07/21/1999	JP (equivalent of WO 99 21555 with English abstract)	YES	NO	
	AAD	2000 503987	04/04/2000	JP (equivalent of WO 97 27181 with English abstract)	YES	NO	
	AAE	2004 099130	11/18/2004	WO	YES	NO	
	AAF	00 69848	11/23/2000	WO	YES	NO	
	AAG	2004 060367	07/22/2004	WO	YES	NO	

	AAH	3 27370	02/05/1991	JP (equivalent of EP 0 377 457 with English abstract)		NO
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SHEET 2 OF 3

Form PTO 1449 (Modified)  LIST OF REFERENCES CITED BY APPLICANT	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 293070US0PCT	SERIAL NO. 10/584,632
	APPLICANT	Naoaki KANAYA, et al.	
	FILING DATE	GROUP	
	June 26, 2006		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AAI	50 121269	09/23/1975	JP (equivalent of GB 1 490 771 with English abstract)		NO
	AAJ	03 040110	05/15/2003	WO		NO
	AAK	2004 065374	08/05/2004	WO		NO
	AAL	11 509191	08/17/1999	JP (equivalent of WO 97 03973 with English abstract)		NO
	AAM	01 16132	03/08/2001	WO		NO
	AAN	2005 255685	09/22/2005	JP (equivalent of EP 1 571 147 with English abstract)		NO
	AAO	2005 507875	03/24/2005	JP (equivalent of WO 03 020217 with English abstract)		NO
	AAP	01 29007	04/26/2001	WO (equivalent of EP 1 224 173)		NO
	AAQ	2006 015860	02/16/2006	WO		NO
	AAR	03 031435	04/17/2003	WO		NO
	AAS	2 521 201	10/21/2004	CA (equivalent of WO 2004 089931)		NO
	AAT	03 051841	06/26/2003	WO		NO
	AAU	03 051842	06/26/2003	WO		NO
	AAV	03 099793	12/04/2003	WO		NO
	AAW	2004 089470	10/21/2004	WO		NO
	AAX	2004 200420	09/30/2004	AU		NO
	AAY	2004 050632	06/17/2004	WO		NO
	AAZ					
				OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)		

ABA	"COLLABORATIVE OVERVIEW OF RANDOMISED TRIALS OF ANTIPLATELET THERAPY- I: PREVENTION OF DEATH, MYOCARDIAL INFARCTION, AND STROKE BY PROLONGED ANTIPLATELET THERAPY IN VARIOUS CATEGORIES OF PATIENTS", BMJ, Vol. 308, pages 81-106, 1994
ABB	DERRY et al., "RISK OF GASTROINTESTINAL HAEMORRHAGE WITH LONG TERM USE OF ASPIRIN: META-ANALYSIS", BMJ, Vol. 321, pages 1183-1187, 2000
ABC	LAWSON, "VASCULAR BIOLOGY OF THROMBOSIS- PLATELET-VESSEL WALL INTERACTIONS AND ASPIRIN EFFECTS", NEUROLOGY Vol. 57, No. 2, pages S5-S7, 2001
ABD	PAIRET et al., "MEASUREMENT OF DIFFERENTIAL INHIBITION OF COX-1 AND COX-2 AND THE PHARMACOLOGY OF SELECTIVE INHIBITORS", DRUGS OF TODAY, Vol. 35, No. 4-5, pages 251-265, 1999
ABE	TSUJI et al., "STUDIES ON ANTI-INFLAMMATORY AGENTS. IV. SYNTHESIS AND PHARMACOLOGICAL PROPERTIES OF 1,5-DIARYLPYRAZOLES AND RELATED DERIVATIVES", CHEM. PHARM. BULL., Vol. 45, No. 6, pages 987-995, 1997
ABF	TSUJI et al., "STUDIES ON ANTI-INFLAMMATORY AGENTS. IV. SYNTHESIS AND PHARMACOLOGICAL PROPERTIES OF 1,5-DIARYLPYRAZOLES AND RELATED DERIVATIVES", CHEM. PHARM. BULL., Vol. 45, No. 6, pages 987-995, 1997
ABG	PENNING et al., "SYNTHESIS AND BIOLOGICAL EVALUATION OF THE 1,5-DIARYLPYRAZOLE CLASS OF CYCLOOXYGENASE-2 INHIBITORS: IDENTIFICATION OF 4-[5-(4-METHYLPHENYL)-3-(TRIFLUOROMETHYL)-1-H-PYRAZOL-1-YL]BENZENESULFONAMIDE (SC-58635, CELECOXIB)", J. MED. CHEM., Vol. 40, pages 1347-1365, 1997

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		FILING DATE June 26, 2006	GROUP

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

ABH	LAN et al., "STRUCTURE-ACTIVITY RELATIONSHIPS OF PYRAZOLE DERIVATIVES AS CANNABINOID RECEPTOR ANTAGONISTS", J. MED. CHEM., Vol. 42, pages 769-776, 1999
ABI	TAKAHASHI et al., "FR167653, A P38 MITOGEN-ACTIVATED PROTEIN KINASE INHIBITOR, PREVENTS HELICOBACTER PYLORI-INDUCED GASTRITIS IN MONGOLIAN GERBILS", THE JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, Vol. 296, No. 1, pages 48-56, 2001
ABJ	DOHI et al., "THE ANTI-PLATELET ACTIONS OF FR122047, A NOVEL CYCLOOXYGENASE INHIBITOR", EUROPEAN JOURNAL OF PHARMACOLOGY, Vol. 243, pages 179-184, 1993
ABK	"PLATELET ANTIAGGREGATORY CYCLOOXYGENASE INHIBITOR", DRUGS OF THE FUTURE, Vol. 16, No. 2, pages 105-107, 1991
ABL	TANEMOTO et al., "CLINICAL STUDY OF KBT-3022: PLATELET AGGREGATION EFFECTS AND PHARMACOKINETICS IN ELDERLY ( $\geq 65$ YEARS OF AGE) AND NONELDERLY PATIENTS WITH CHRONIC ARTERIAL OCCLUSION", CURRENT THERAPEUTIC RESEARCH, Vol. 61, No. 2, pages 891-900, 2000
ABM	INOUE et al., "SYNTHESIS AND ANTIPLATELET ACTIVITY OF 2-AMINO-4,5-DIPHENYLTHIAZOLE DERIVATIVES", YAKUGAKU ZASSHI, Vol. 115, No. 8, pages 603-610, 1995
ABN	TANAKA et al., "STUDIES ON ANTI-PLATELET AGENTS. V. SYNTHESIS AND STRUCTURE-ACTIVITY RELATIONSHIP OF 3-SUBSTITUTED 5,6-BIS(4-METHOXYPHENYL)-1,2,4-TRIAZINES", CHEM. PHARM. BULL., Vol. 42, No. 9, pages 1835-1840, 1994
ABO	TANAKA et al., "STUDIES ON ANTI-PLATELET AGENTS. IV. A SERIES OF 2-SUBSTITUTED 4,5-BIS(4-METHOXYPHENYL)PYRIMIDINES AS NOVEL ANTI-PLATELET AGENTS", CHEM. PHARM. BULL., Vol. 42, No. 9, pages 1828-1834, 1994
ABP	MEANWELL et al., "NONPROSTANOID PROSTACYCLIN MIMETICS. 2. 4,5-DIPHENYLOXAZOLE DERIVATIVES", J. MED. CHEM., Vol. 35, pages 3483-3497, 1992
ABQ	MEANWELL et al., "NONPROSTANOID PROSTACYCLIN MIMETICS. 3. STRUCTURAL VARIATIONS OF THE DIPHENYL HETEROCYLE MOIETY", J. MED. CHEM., Vol. 35, pages 3498-3512, 1992
ABR	MEANWELL et al., "NONPROSTANOID PROSTACYCLIN MIMETICS. 5. STRUCTURE-ACTIVITY RELATIONSHIPS ASSOCIATED WITH [3-[4-(4,5-DIPHENYL-2-OXAZOLYL)-5-OXAZOLYL]PHENOXY]ACETIC ACID", J. MED. CHEM., Vol. 36, pages 3884-3903, 1993
ABS	MEANWELL et al., "NONPROSTANOID PROSTACYCLIN MIMETICS. 4. DERIVATIVES OF 2-[3-[2-(4,5-DIPHENYL-2-OXAZOLYL)ETHYL]PHENOXY]ACETIC ACID SUBSTITUTED $\alpha$ TO THE OXAZOLE RING", J. MED. CHEM., Vol. 36, pages 3871-3883, 1993
ABT	SEILER et al., "2-[3-[2-(4,5-DIPHENYL-2-OXAZOLYL) ETHYL] PHENOXY] ACETIC ACID (BMY 42393): A NEW, STRUCTURALLY-NOVEL PROSTACYCLIN PARTIAL AGONIST: 1) INHIBITION OF PLATELET AGGREGATION AND MECHANISM OF ACTION", THROMBOSIS RESEARCH, Vol. 74, No. 2, pages 115-123, 1994
ABU	MEANWELL et al., "NON-PROSTANOID PROSTACYCLIN MIMETICS. 6. DERIVATIVES OF 2-[3-[2-(4,5-DIPHENYL-2-OXAZOLYL)ETHYL]PHENOXY]ACETIC ACID MODIFIED $\beta$ -TO THE OXAZOLE RING", DRUG DESIGN AND DISCOVERY, Vol. 11, pages 73-89, 1994
ABV	"ANTIINFLAMMATORY CYCLOOXYGENASE-2 INHIBITOR", DRUGS OF THE FUTURE, Vol. 23, No. 6, pages 598-601, 1998
ABW	DANNHARDT et al., "CYCLOOXYGENASE INHIBITORS-CURRENT STATUS AND FUTURE PROSPECTS", EUR. J. MED. CHEM., Vol. 36, pages 109-126, 2001
ABX	HAWKEY, "COX-2 INHIBITORS", THE LANCET, Vol. 353, pages 307-314. 1999 (with partial English translation)
ABY	NEW CURRENT, Vol. 12, No. 27, pages 54-56, 2001

U.S. PCT Application Serial No: 10/584,632

Filed: June 26, 2006

Naoaki KANAYA, et al.

Docket No. 293070 US



#### STATEMENT OF RELEVANCY

- 1) References AD-AH have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References [redacted] have been cited in the corresponding [redacted] Search Report. A copy of these references is being submitted herewith.
- 3) References AI-AJ and ABA-ABE are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References AB-AC, AK-AAY, and ABF-ABY are additional prior art known to Applicant. A copy of these references is being submitted herewith.

	Docket No.: 293070US0PCT	Serial No.: 10/584,632			
LIST OF RELATED CASES CITED BY APPLICANT UNDER 37 CFR 1.56	Inventor: Naoaki KANAYA, et al.				
	Filing Date: June 26, 2006	Group:			
<b><u>LIST OF RELATED CASES</u></b>					
Examiner <u>Initial</u>	Docket No.	Serial or <u>Patent Number</u>	Filing or <u>Issue Date</u>	Patent App. <u>Publication No.</u>	Inventor or <u>Applicant</u>
	293070US0PCT*	10/584,632	06/26/06		KANAYA, et al.
	275332US0PCT	10/543,915	07/29/05	US 2006/0128685 A1	KANAYA, et al.
	279414US0PCT	10/553,982	10/20/05		OKAYAMA, et al.
Examiner	Date Considered				

\*Present Application; listed for information  
NFO/sbc